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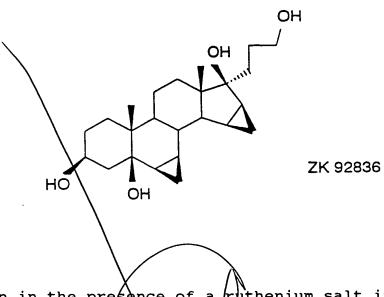
Claims

 \S . Process for the production of drospirenone (6ß,7ß; 15ß,16ß-dimethylene-3-oxo-17 α -pregn-4-ene-21,17-carbolactone,

DRSP)

by catalytic hydrogenation of 17d (3-hydroxy-1-propynyl)-6B,7B; 15B,16B-dimethylene-5-androstane 3B,5,17B-triol (ZK 34506)

into 7α -(3-hydroxy-1-propyl)-6 β , 7β ; 15 β , 16 β -dimethylene-5 β -androstane-3 β , 5, 17 β -triol (2K 92836),



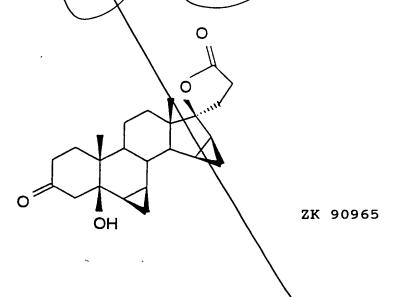
oxidation in the presence of a ruthenium salt into 68,78; 158,168-dimethylene 5α -hydroxy-3-oxo-17 α -androstane-21,17-carbolactone (ZK 90965)

and subsequent dehydration.

2. $7\alpha-(3-\text{Hydroxy-1-propyl})-68,78$; 158,168-dimethylene-58-androstane-38,5,178-triol (ZK 92836)

ZK 92836

3. 6β,7β; 15β,16β-Dimethylene-5β-hydroxy-3-oxo-17α-androstane-21,17-carbolactone (ZK 90965)



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